

ER-2 - AFRC #809 09/25/19

Aircraft: [ER-2 - AFRC #809](#) ([See full schedule](#))

Flight Number: 19-9028

Payload Configuration: AVIRIS, HyTES, MVIS

Nav Data Collected: Yes

Total Flight Time: 5.5 hours

Comments: Takeoff time was 0924L and landing at 1453L. HyTES computer fiber optic interface stopped working after engine start, so only AVIRIS & MVIS collected data today. Flew the Santa Barbara HypsIRI lines. Stu Broce was the pilot. He said the weather was great today – just a few low clouds near the Channel Islands and then some clouds started moving in at the tail end of the last line.

Submitted by: Ken Norlin on 09/25/19

Flight Segments:

From:	PMD	To:	PMD
Start:	09/25/19 16:24 Z	Finish:	09/25/19 21:53 Z
Flight Time:	5.5 hours		
Log Number:	192019	PI:	Robert Green
Funding Source:	Jack Kaye - NASA - SMD - ESD Director Research and Analysis		
Purpose of Flight:	Science		

Flight Hour Summary:

	192019	202018	212020
Flight Hours Approved in SOFRS	45		
Flight Hours Previously Approved		35.2	13.5
Total Used	9.8	21.7	29
Total Remaining			-15.5

212020 Flight Reports

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining	Miles Flown
10/05/20	21-9001	Science	3.2	3.2	10.3	1061
10/06/20	21-9002	Science	3.1	6.3	7.2	1061
10/07/20	21-9003	Science	7.9	14.2	-0.7	0
10/12/20	21-9005	Science	1.1	15.3	-1.8	0
10/13/20	21-9006	Science	7.6	22.9	-9.4	2869
10/15/20	21-9007	Science	6.1	29	-15.5	2266

202018 Flight Reports

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining	Miles Flown
10/01/19	20-9001	Science	5.5	5.5	29.7	2085
09/17/20	20-9055	Science	3.1	8.6	26.6	832
09/24/20	20-9056	Science	6.5	15.1	20.1	1986
09/25/20	20-9056	Science	0.6	15.7	19.5	229
09/30/20	20-9056	Science	6	21.7	13.5	2292

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NASA Official: Bruce A. Tagg

Flight Reports began being entered into this system as of 2012 flights. If there were flights flown under an earlier log number the flight reports are not available online.

192019 Flight Reports

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining	Miles Flown
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09/12/19	19-9026	Science	2.2	2.2	42.8	836
09/20/19	19-9027	Science	2.1	4.3	40.7	798
09/25/19	19-9028	Science	5.5	9.8	35.2	0